

Title (en)

SOFTWARE UPDATE DEVICE, UPDATE CONTROL METHOD, AND NON- TRANSITORY STORAGE MEDIUM

Title (de)

SOFTWARE-AKTUALISIERUNGSVORRICHTUNG, AKTUALISIERUNGSSTEUERVERFAHREN UND NICHTFLÜCHTIGES SPEICHERMEDIUM

Title (fr)

DISPOSITIF DE MISE À JOUR DE LOGICIEL, PROCÉDÉ DE COMMANDE DE MISE À JOUR ET SUPPORT D'ENREGISTREMENT NON TRANSITOIRE

Publication

EP 3961378 A1 20220302 (EN)

Application

EP 21184244 A 20210707

Priority

JP 2020142008 A 20200825

Abstract (en)

A software update device (11) is configured to control software update of an electronic control unit (13a, 13b, 13c, 13d) mounted on a vehicle. The software update device (11) includes: one or more storage devices (34) configured to store first software and second software for downloading update data of the electronic control unit (13a, 13b, 13c, 13d) from a server (1), the first software and the second software being different from each other; and one or more processors (31) configured to download the update data from the server (1) by executing any of the first software and the second software.

IPC 8 full level

G06F 8/65 (2018.01); **B60W 50/00** (2006.01)

CPC (source: CN EP US)

B60W 50/06 (2013.01 - US); **G06F 8/65** (2013.01 - CN EP US); **H04L 67/34** (2013.01 - US); **B60W 2556/45** (2020.02 - US)

Citation (applicant)

JP 2004326689 A 20041118 - NISSAN MOTOR

Citation (search report)

- [X] US 2019268420 A1 20190829 - ACHARYA SHRIKANT [US], et al
- [A] US 10007504 B2 20180626 - BLASCHKE VOLKER [DE], et al
- [A] US 2019258470 A1 20190822 - MIYAKE MASAKI [JP], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3961378 A1 20220302; **EP 3961378 B1 20240904**; CN 114115929 A 20220301; JP 2022037729 A 20220309; JP 2024015111 A 20240201; JP 7396229 B2 20231212; US 11755308 B2 20230912; US 12056481 B2 20240806; US 2022066768 A1 20220303; US 2023359454 A1 20231109

DOCDB simple family (application)

EP 21184244 A 20210707; CN 202110807226 A 20210716; JP 2020142008 A 20200825; JP 2023202416 A 20231130; US 202117369460 A 20210707; US 202318221946 A 20230714